

Table ENG-2. - Construction Materials

Greene County, Virginia

The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation.

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
AsC:							
Ashe	85	Fair		Poor		Fair	
		Too acid	0.50	Depth to bedrock	0.00	Slope	0.63
		Low content of organic matter	0.50			Too acid	0.96
		Droughty	0.66			Rock fragments	0.97
AsD:							
Ashe	85	Fair		Poor		Poor	
		Too acid	0.50	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.50	Slope	0.50	Too acid	0.96
		Droughty	0.66			Rock fragments	0.97
AsE:							
Ashe	85	Fair		Poor		Poor	
		Too acid	0.50	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.50	Slope	0.00	Too acid	0.96
		Droughty	0.66			Rock fragments	0.97
AvD:							
Ashe	85	Fair		Poor		Poor	
		Too acid	0.50	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.50	Slope	0.50	Too acid	0.96
		Droughty	0.66			Rock fragments	0.97
AvE:							
Ashe	85	Fair		Poor		Poor	
		Too acid	0.50	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.50	Slope	0.00	Too acid	0.96
		Droughty	0.66			Rock fragments	0.97
BaB:							
Belvoir	85	Fair		Poor		Fair	
		Droughty	0.09	Depth to cemented pan	0.00	Depth to saturated zone	0.13
		Low content of organic matter	0.13	Depth to saturated zone	0.13	Hard to reclaim	0.35
		Depth to cemented pan	0.36	Shrink-swell	0.87	Depth to cemented pan	0.36
Chatuge	3	Not Rated		Not Rated		Not Rated	
BcB:							

Table ENG-2. - Construction Materials - Continued

Greene County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
BcB:							
Braddock	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	>0.99
		Too acid	0.61				
BcC:							
Braddock	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Slope	0.63
		Too acid	0.61			Too acid	>0.99
BdD3:							
Braddock	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too Clayey	0.00
		Too acid	0.61	Shrink-swell	0.87	Too acid	>0.99
BuC:							
Buckhall	85	Poor		Good		Poor	
		Too clayey	0.00			Too Clayey	0.00
		Low content of organic matter	0.03			Slope	0.63
		Too acid	0.50			Too acid	0.88
BuD:							
Buckhall	85	Poor		Fair		Poor	
		Too clayey	0.00	Slope	0.50	Slope	0.00
		Low content of organic matter	0.03			Too Clayey	0.00
		Too acid	0.50			Too acid	0.88
CaE:							
Cataska	85	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Depth to bedrock	0.00	Slope	0.00	Rock fragments	0.00
		Too acid	0.50			Depth to bedrock	0.00
CcE:							
Catoctin	55	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.21	No shrink-swell limitation	>0.99	Depth to bedrock	0.21
Rock outcrop	30	Not Rated		Not Rated		Not Rated	

CgB:

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		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
CgB:							
Chatuge	85	Fair		Poor		Poor	
		Too acid	0.54	Depth to saturated zone	0.00	Depth to saturated zone	0.00
						Too acid	0.98
ChC:							
Chester	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
		Water erosion	0.99				
ChD:							
Chester	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.50	Slope	0.00
		Too acid	0.32			Too acid	0.88
		Water erosion	0.99				
CmC:							
Chester	50	Fair		Good		Fair	
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.32			Too acid	0.88
		Water erosion	0.99				
Parker	30	Poor		Fair		Poor	
		Low content of organic matter	0.00	Depth to bedrock	0.39	Hard to reclaim	0.00
		Droughty	0.00	Cobble content	0.78	Rock fragments	0.00
		Too acid	0.50			Slope	0.63
CmD:							
Chester	50	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.50	Slope	0.00
		Too acid	0.32			Too acid	0.88
		Water erosion	0.99				
Parker	30	Poor		Fair		Poor	
		Low content of organic matter	0.00	Depth to bedrock	0.39	Slope	0.00
		Droughty	0.00	Slope	0.50	Hard to reclaim	0.00
		Too acid	0.50	Cobble content	0.78	Rock fragments	0.00
Cn:							

Table ENG-2. - Construction Materials - Continued

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Cn:							
Codorus	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.13	Depth to saturated zone	0.13
		Too acid	0.54				
		Water erosion	0.68				
Kinkora	3	Not Rated		Not Rated		Not Rated	
Cs:							
Comus	85	Fair		Good		Fair	
		Too acid	0.54			Too acid	0.98
		Water erosion	0.90				
Hatboro	3	Not Rated		Not Rated		Not Rated	
Cv:							
Craigsville	85	Fair		Fair		Poor	
		Cobble content	0.26	Cobble content	0.01	Hard to reclaim	0.00
		Too sandy	0.38			Rock fragments	0.00
		Droughty	0.41			Too sandy	0.38
Hatboro	3	Not Rated		Not Rated		Not Rated	
DkB3:							
Dyke	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.08	Shrink-swell	0.87	Too acid	0.88
		Too acid	0.50				
DkC3:							
Dyke	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.08	Shrink-swell	0.87	Slope	0.63
		Too acid	0.50			Too acid	0.88
EIB:							
Elioak	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.96	Too acid	0.88
		Too acid	0.32				
EIC:							
Elioak	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.96	Slope	0.63
		Too acid	0.32			Too acid	0.88

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
EnC3:							
Elioak	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Too Clayey	0.00
		Low content of organic matter	0.13	Shrink-swell	0.96	Slope	0.63
		Too acid	0.32			Too acid	0.88
EnD3:							
Elioak	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Too Clayey	0.00
		Too acid	0.32	Shrink-swell	0.96	Too acid	0.88
GIC:							
Glenelg	85	Fair		Good		Fair	
		Low content of organic matter	0.13			Slope	0.63
		Too acid	0.50				
		Water erosion	0.99				
GID:							
Glenelg	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.50	Slope	0.00
		Too acid	0.50				
		Water erosion	0.99				
Hb:							
Hatboro	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.89	Low strength	0.00		
		Water erosion	0.99				
Kinkora	3	Not Rated		Not Rated		Not Rated	
HzD:							
Hazel	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Slope	0.50	Rock fragments	0.00
		Water erosion	0.90			Too acid	0.88
HzE:							
Hazel	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.50	Slope	0.00	Rock fragments	0.00
		Water erosion	0.90			Too acid	0.88
Kn:							

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Kn:							
Kinkora	85	Fair		Poor		Poor	
		Too clayey	0.08	Depth to saturated zone	0.00	Depth to saturated zone	0.00
		Too acid	0.50				
		Low content of organic matter	0.50	Low strength	0.00	Hard to reclaim	0.02
				Shrink-swell	0.77	Too Clayey	0.05
Hatboro	3	Not Rated		Not Rated		Not Rated	
LeC:							
Lew	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Shrink-swell	0.90	Rock fragments	0.00
		Too acid	0.54	Cobble content	0.97	Hard to reclaim	0.00
		Droughty	0.65			Too Clayey	0.53
LeD:							
Lew	85	Fair		Fair		Poor	
		Low content of organic matter	0.13	Slope	0.50	Slope	0.00
		Too acid	0.54	Shrink-swell	0.90	Rock fragments	0.00
		Droughty	0.65	Cobble content	0.97	Hard to reclaim	0.00
LeE:							
Lew	85	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Too acid	0.54	Shrink-swell	0.90	Rock fragments	0.00
		Droughty	0.65	Cobble content	0.97	Hard to reclaim	0.00
MvB:							
Meadowville	85	Fair		Fair		Fair	
		Low content of organic matter	0.13	Shrink-swell	0.87	Too acid	0.98
		Too acid	0.54				
Chatuge	3	Not Rated		Not Rated		Not Rated	
MxC:							
Myersville	50	Fair		Fair		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.12	Hard to reclaim	0.00
		Droughty	0.28	Low strength	0.78	Rock fragments	0.00
		Too acid	0.54			Slope	0.63
Catoctin	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Rock fragments	0.00
		Low content of organic matter	0.13	No shrink-swell limitation	>0.99	Depth to bedrock	0.21
		Depth to bedrock	0.21			Slope	0.63

MyD:

Table ENG-2. - Construction Materials - Continued

Greene County, Virginia

Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
MyD:							
Myersville	50	Fair		Fair		Poor	
		Low content of organic matter	0.13	Depth to bedrock	0.12	Slope	0.00
		Droughty	0.28	Slope	0.50	Hard to reclaim	0.00
		Too acid	0.54	Low strength	0.78	Rock fragments	0.00
Catoctin	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.50	Rock fragments	0.00
		Depth to bedrock	0.21	No shrink-swell limitation	>0.99	Depth to bedrock	0.21
MyE:							
Myersville	50	Fair		Poor		Poor	
		Low content of organic matter	0.13	Slope	0.00	Slope	0.00
		Droughty	0.28	Depth to bedrock	0.12	Hard to reclaim	0.00
		Too acid	0.54	Low strength	0.78	Rock fragments	0.00
Catoctin	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Low content of organic matter	0.13	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.21	No shrink-swell limitation	>0.99	Depth to bedrock	0.21
PrE:							
Parker	85	Poor		Poor		Poor	
		Low content of organic matter	0.00	Slope	0.00	Slope	0.00
		Droughty	0.00	Depth to bedrock	0.39	Hard to reclaim	0.00
		Too acid	0.50	Cobble content	0.78	Rock fragments	0.00
Sc:							
Suches	45	Fair		Good		Good	
		Too acid	0.74				
Codorus	30	Fair		Fair		Fair	
		Low content of organic matter	0.13	Depth to saturated zone	0.13	Depth to saturated zone	0.13
		Too acid	0.54				
		Water erosion	0.99				
Hatboro	3	Not Rated		Not Rated		Not Rated	
Kinkora	3	Not Rated		Not Rated		Not Rated	
ThC:							

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Map Symbol and Soil Name	Pct of Map Unit	Potential Source of Reclamation Material		Potential Source of Roadfill		Potential Source of Topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
ThC:							
Thurmont	85	Poor		Good		Fair	
		Low content of organic matter	0.00			Slope	0.63
		Too acid	0.50			Too acid	0.88
ThD:							
Thurmont	85	Poor		Fair		Poor	
		Low content of organic matter	0.00	Slope	0.50	Slope	0.00
		Too acid	0.50			Too acid	0.88
TvD:							
Thurmont	85	Poor		Fair		Poor	
		Low content of organic matter	0.00	Slope	0.50	Slope	0.00
		Too acid	0.50			Too acid	0.88
Ud:							
Udorthents	85	Not Rated		Not Rated		Not Rated	
UnA:							
Unison	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Hard to reclaim	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too Clayey	0.00
		Too acid	0.54			Too acid	0.98
UnB:							
Unison	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Hard to reclaim	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too Clayey	0.00
		Too acid	0.54			Too acid	0.98
UnC:							
Unison	85	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Hard to reclaim	0.00
		Low content of organic matter	0.13	Shrink-swell	0.87	Too Clayey	0.00
		Too acid	0.54			Slope	0.63